

## Ship Canal Water Quality Project

# Welcome!

## Ship Canal Water Quality Project

### Draft Supplemental EIS

### Public Hearing & Open House

#### Meeting purpose

- Invite review and comment on the Ship Canal Water Quality Project Draft Supplemental Environmental Impact Statement (EIS).
- Share project information and environmental analysis results.

#### Tonight's agenda

- 6:00 p.m. Open house:** View project materials and talk with Seattle Public Utilities and King County staff about the Ship Canal Water Quality Project and Draft Supplemental EIS. Submit written comments at the comment station.
- 6:30 p.m. Public hearing:**
- Learn about the project, timeline, environmental elements and project next steps.
- Public comments:**
- Please sign up at the registration table if you wish to provide a verbal comment.
- 8:00 p.m. Adjourn**



# Ship Canal Water Quality Project

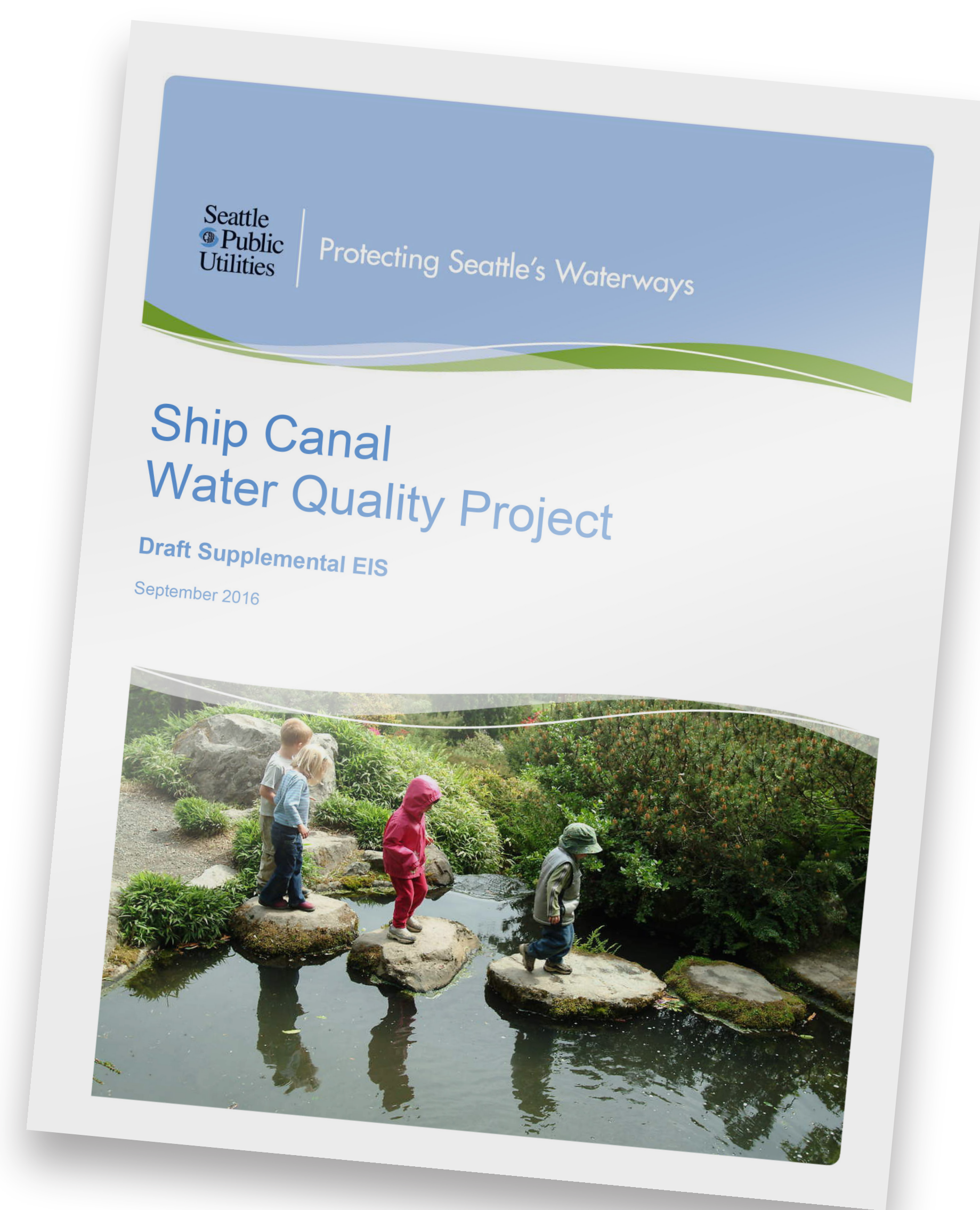
## Environmental review process

The Draft Supplemental EIS document describes how construction and operation of the Ship Canal Water Quality Project could affect the environment.

## Why is SPU preparing a Draft Supplemental EIS?

In 2015, the Seattle City Council approved the Plan to Protect Seattle's Waterways (Plan). The Plan described how Seattle would reduce polluted stormwater and sewage overflows into local waterways from our combined sewer system. The Plan was evaluated in a programmatic EIS, which included multiple opportunities for public involvement.

SPU has prepared a Draft Supplemental EIS to describe additional project-specific information now available, and to assess the impacts of Ship Canal Water Quality Project construction and operation.



## Environmental issues evaluated in the Draft Supplemental EIS

### Environmental elements focus on:

- Transportation, particularly construction-related traffic impacts
- Recreation, including potential impacts to parks and open spaces
- Land and shoreline use
- Historic and cultural resources
- Air, noise, and vibration
- Fish and wildlife
- Water

## How can I comment on the Draft Supplemental EIS?

### By verbal comment during the public hearing

### By comment form:

Drop off your completed comment form in the box provided at the comment station.



### Need more time? Send us your comments by mail or e-mail.

Seattle Public Utilities  
Attention: Betty Meyer  
SEPA Responsible Official  
P.O. Box 34018  
Seattle, WA 98124-4018

### By E-mail:

betty.meyer@seattle.gov

**Please submit comments  
by October 24, 2016**

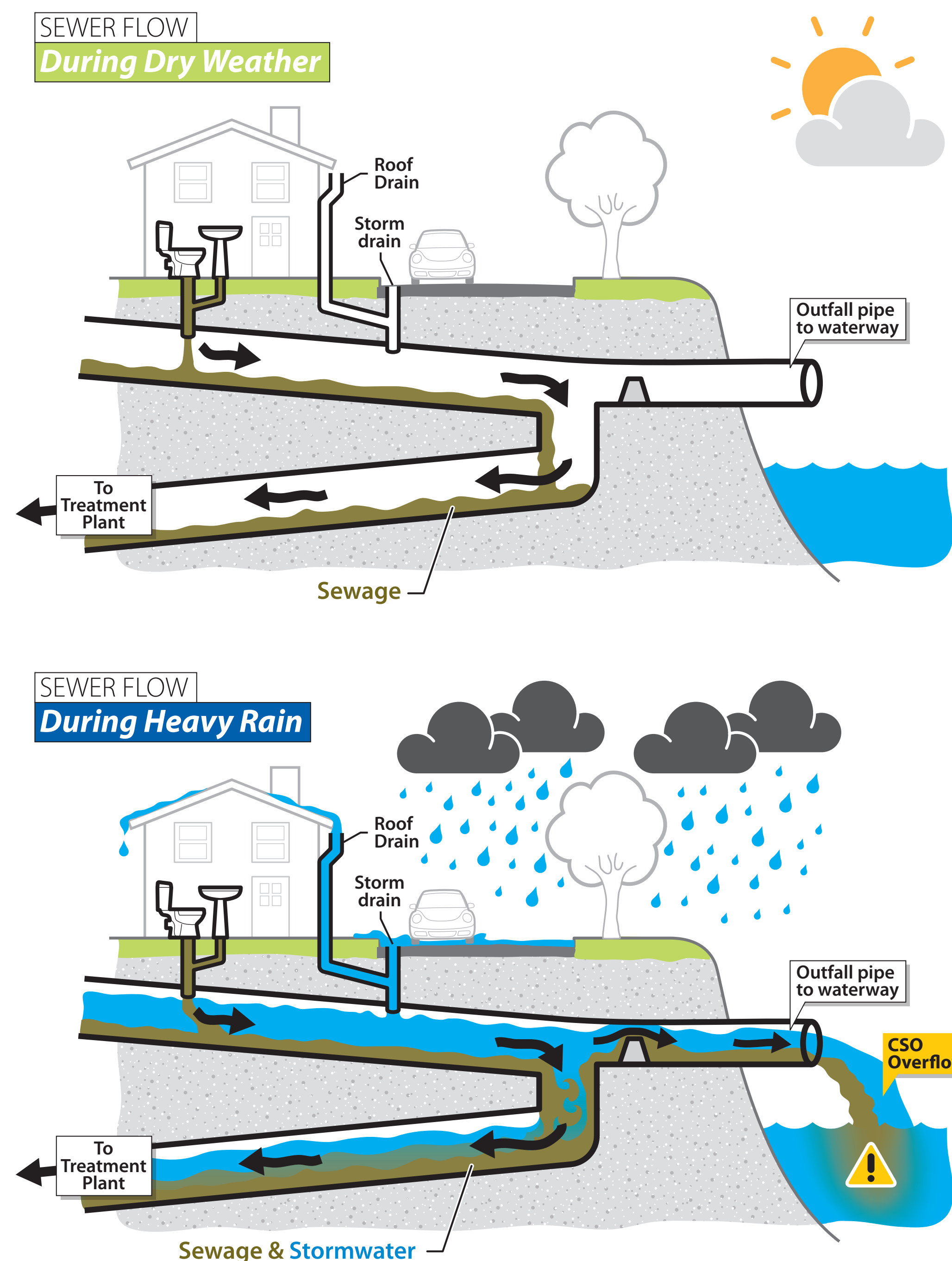


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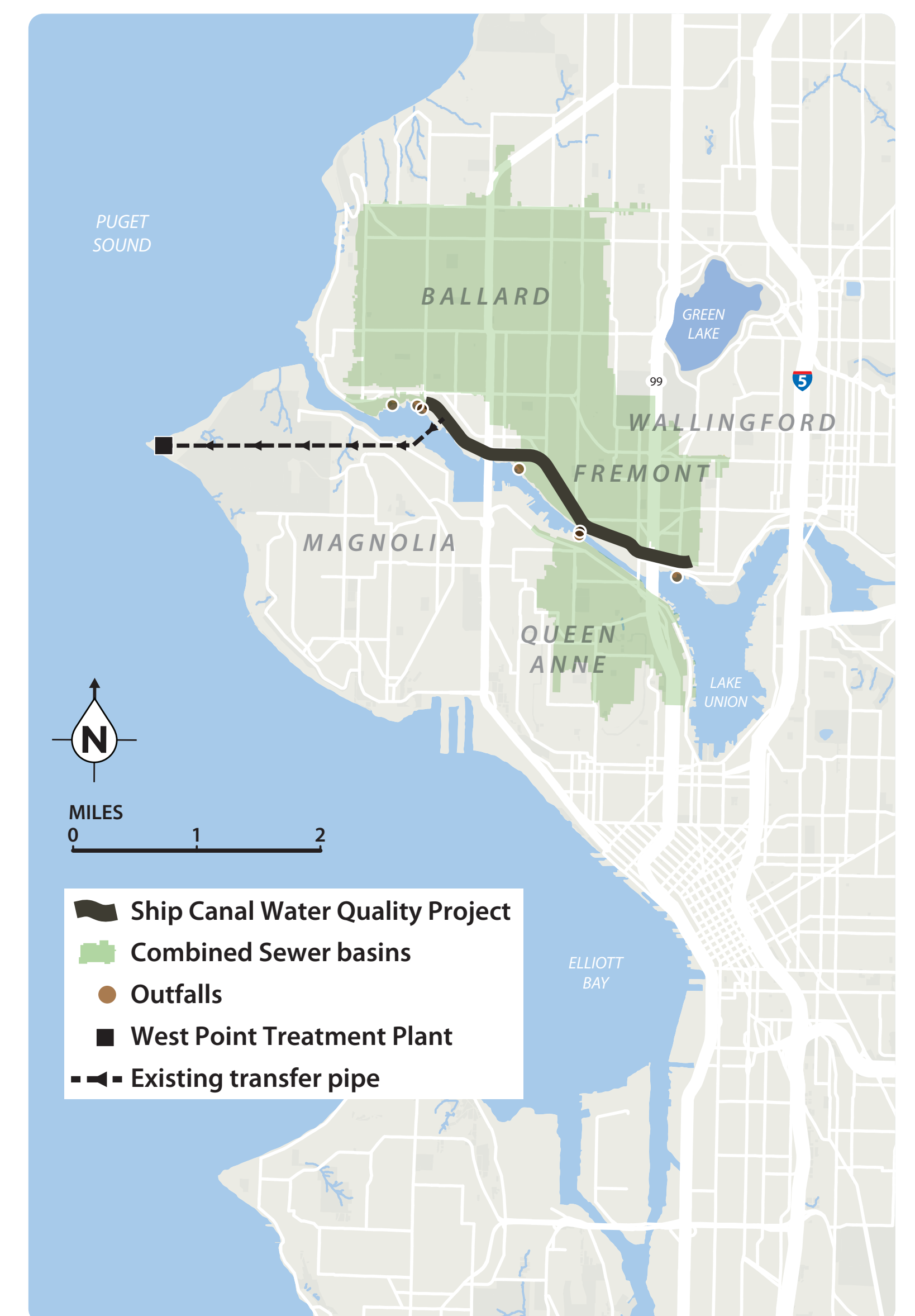
## Project overview

Seattle Public Utilities and King County are working together to build an underground storage tunnel to reduce the amount of polluted water that spills into the Lake Washington Ship Canal from Ballard, Fremont, Wallingford, and north Queen Anne.

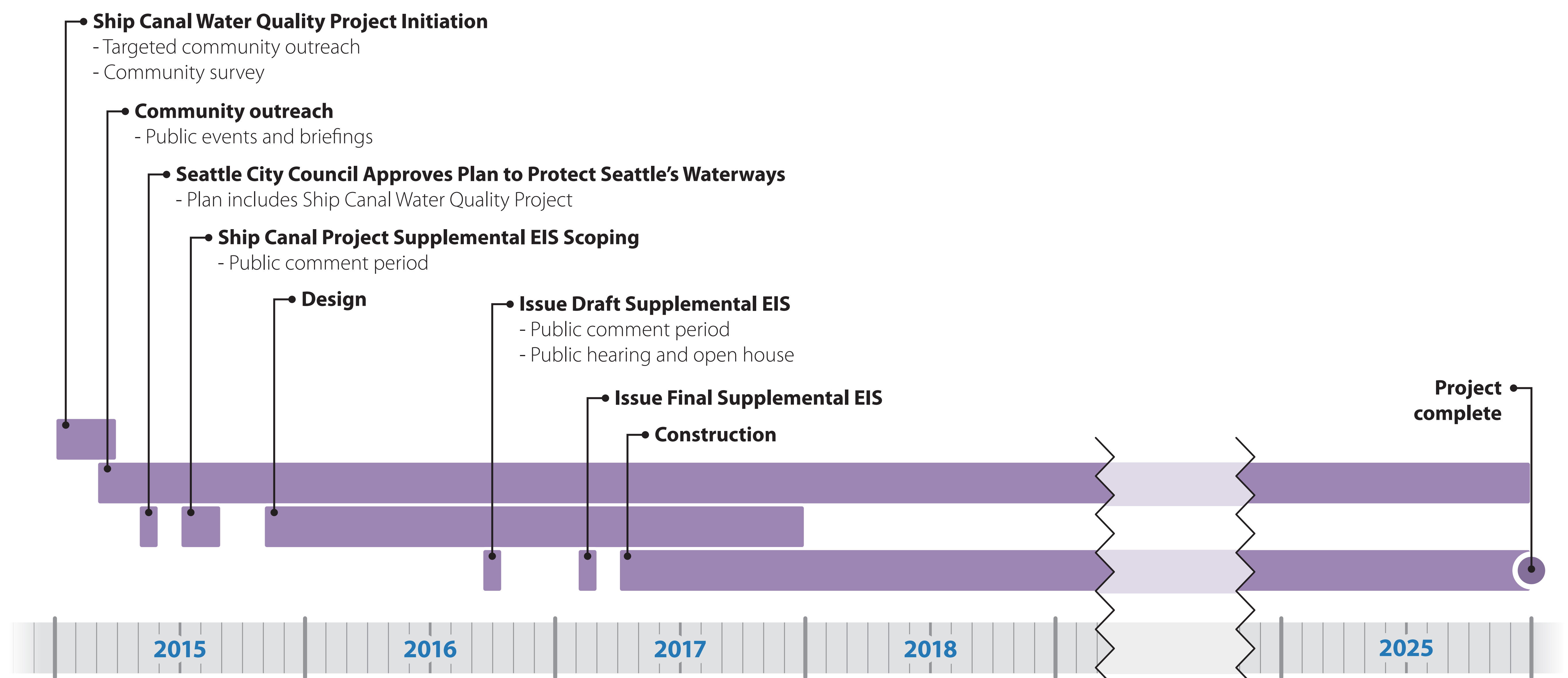
The approximately 2.7-mile, 14-18 foot diameter tunnel will capture and temporarily hold more than 15 million gallons of stormwater mixed with some sewage that overflows during heavy rains. When the storm passes, flows will be sent to the existing West Point Wastewater Treatment Plant in Magnolia.



## Where will this project be located?



## Project timeline





# Ship Canal Water Quality Project

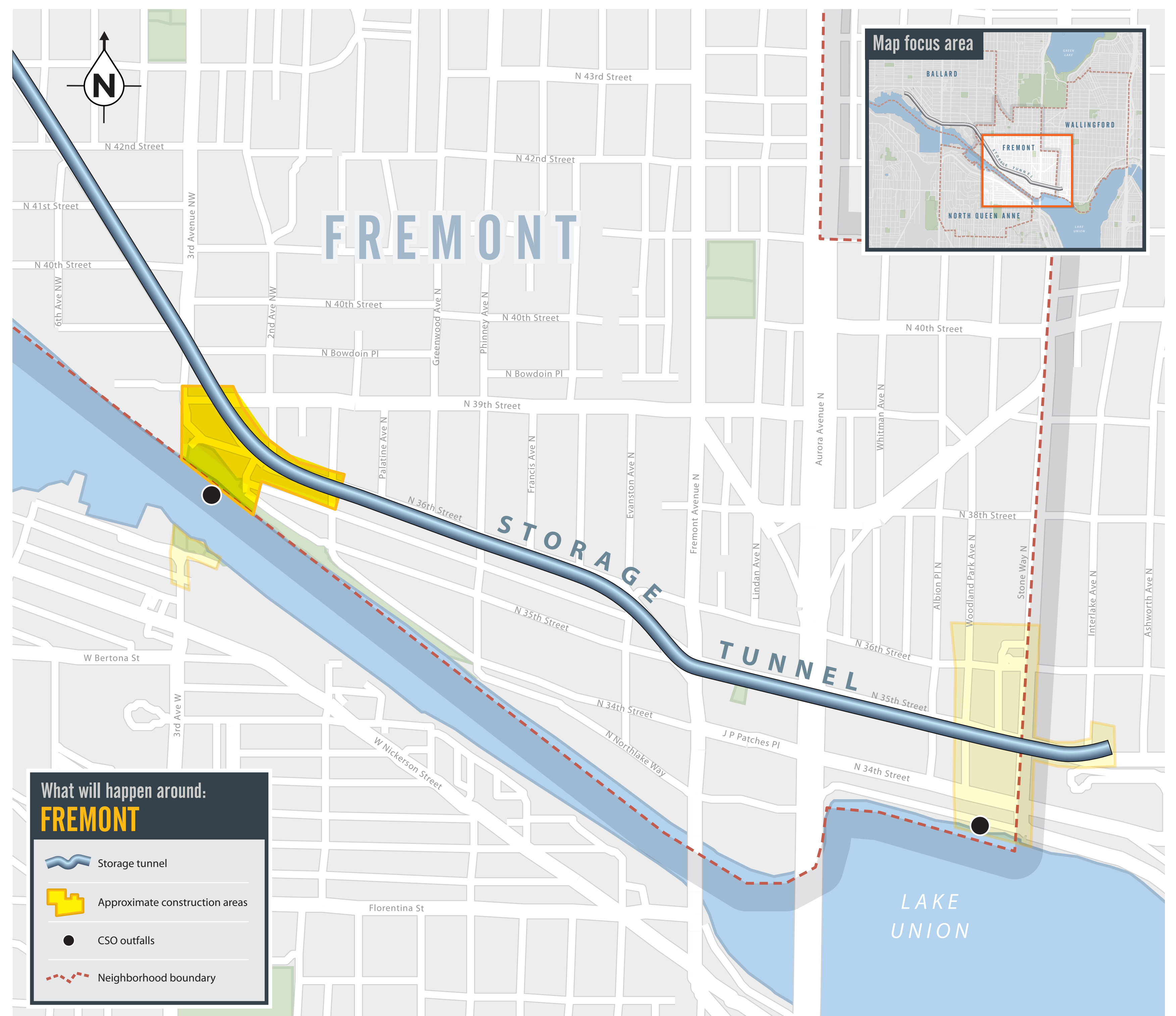
## What's happening in Fremont?

### The Ship Canal Water Quality Project includes the following elements in Fremont:

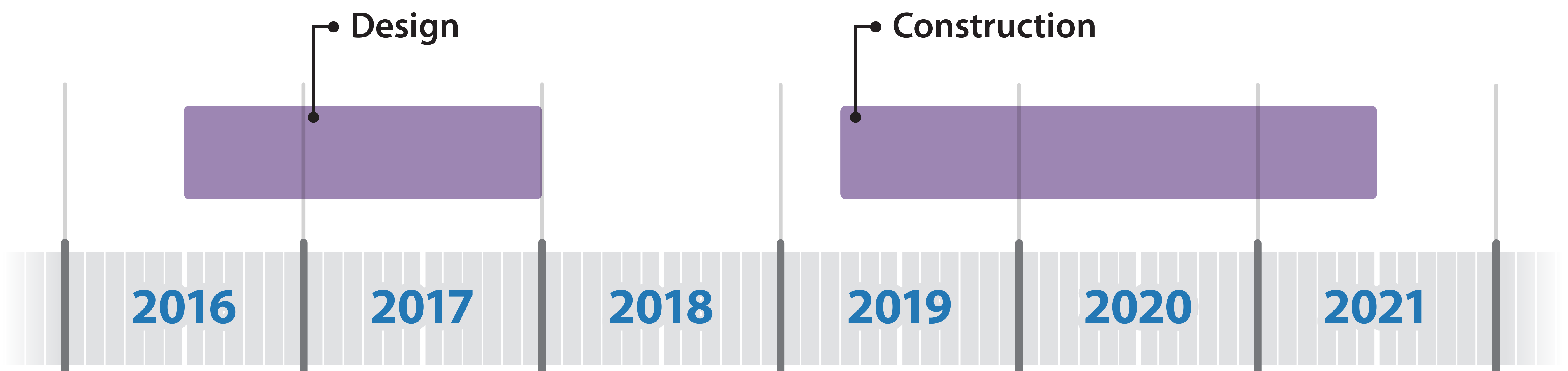
- The tunnel to store polluted stormwater and sewage from the neighborhood
- New pipes to convey polluted stormwater and sewage to the tunnel near Leary Way NW, NW 36th Street, and 3rd Avenue NW
- A drop shaft, to collect flows entering the tunnel near the intersection of 3rd Avenue NW, Leary Way NW and NW 36th Street
- Odor control to minimize odor

### What to expect during construction?

- Possible Burke Gilman trail detour
- Detours for vehicles
- Increased truck traffic and noise
- Construction equipment and vehicles
- Project neighbors and stakeholders will receive notice of work happening in the area



## Projected Fremont timeline





# Ship Canal Water Quality Project

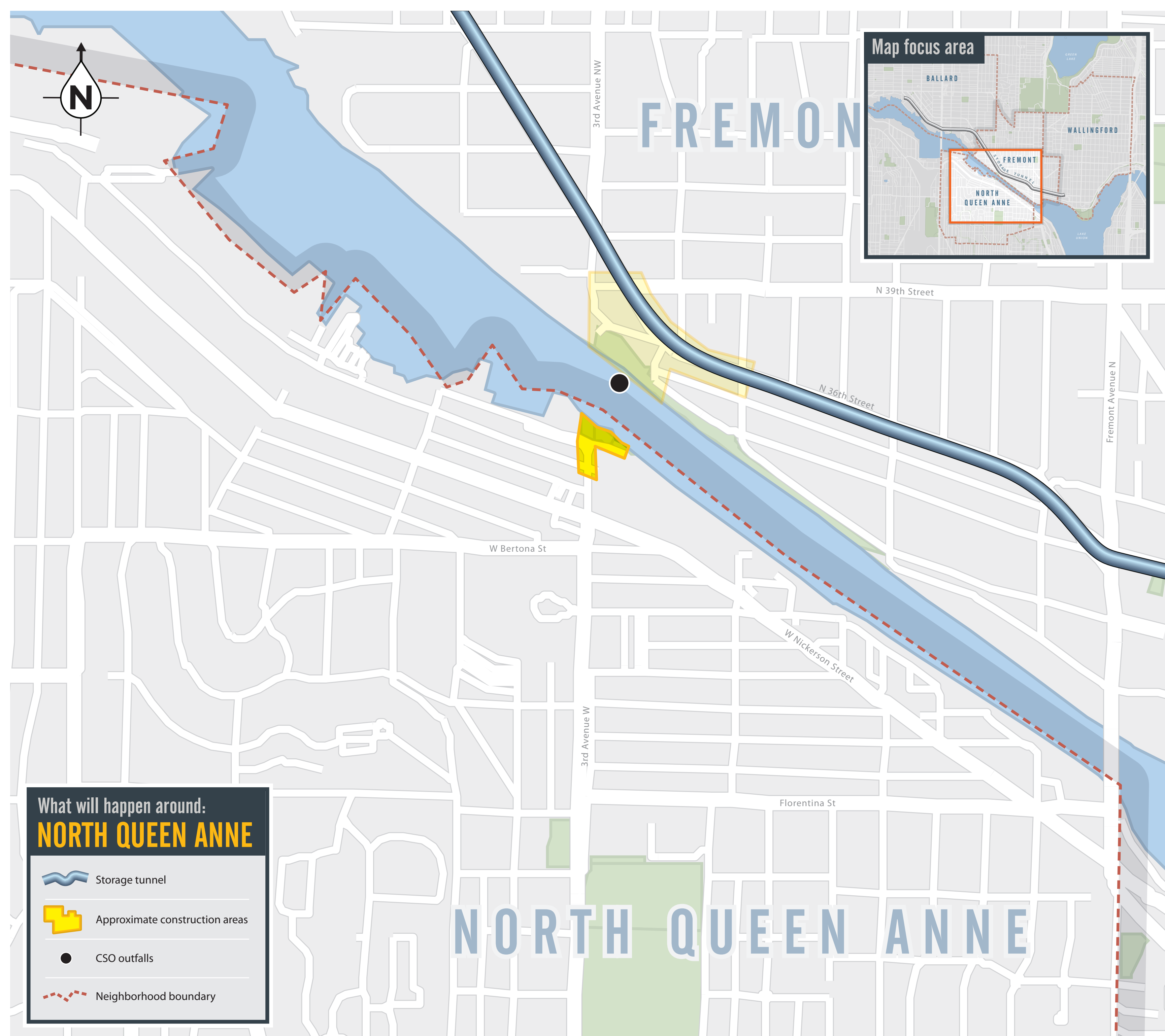
## What's happening in North Queen Anne?

### The Ship Canal Water Quality Project includes the following elements in North Queen Anne:

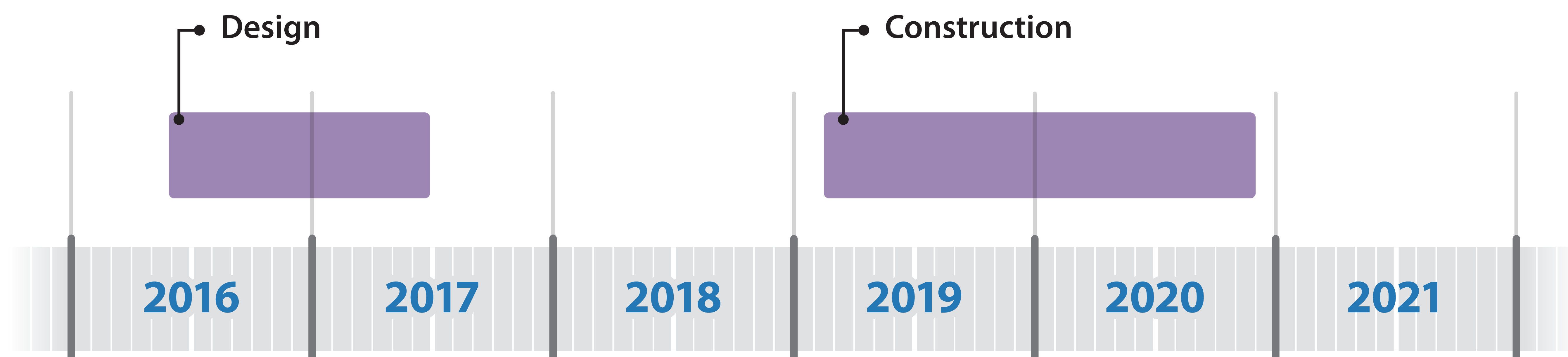
- A microtunnel to convey polluted stormwater and sewage under the Ship Canal to the storage tunnel
- A drop shaft to collect flows entering the microtunnel
- New pipes to convey polluted stormwater and sewage to the storage tunnel

### What to expect during construction?

- West Ewing Park closure
- Possible South Ship Canal Trail closure
- Periodic lane closures
- Project neighbors and stakeholders will receive notice of work happening in the area
- Truck traffic and noise
- Construction equipment and vehicles



## Projected North Queen Anne timeline





# Ship Canal Water Quality Project

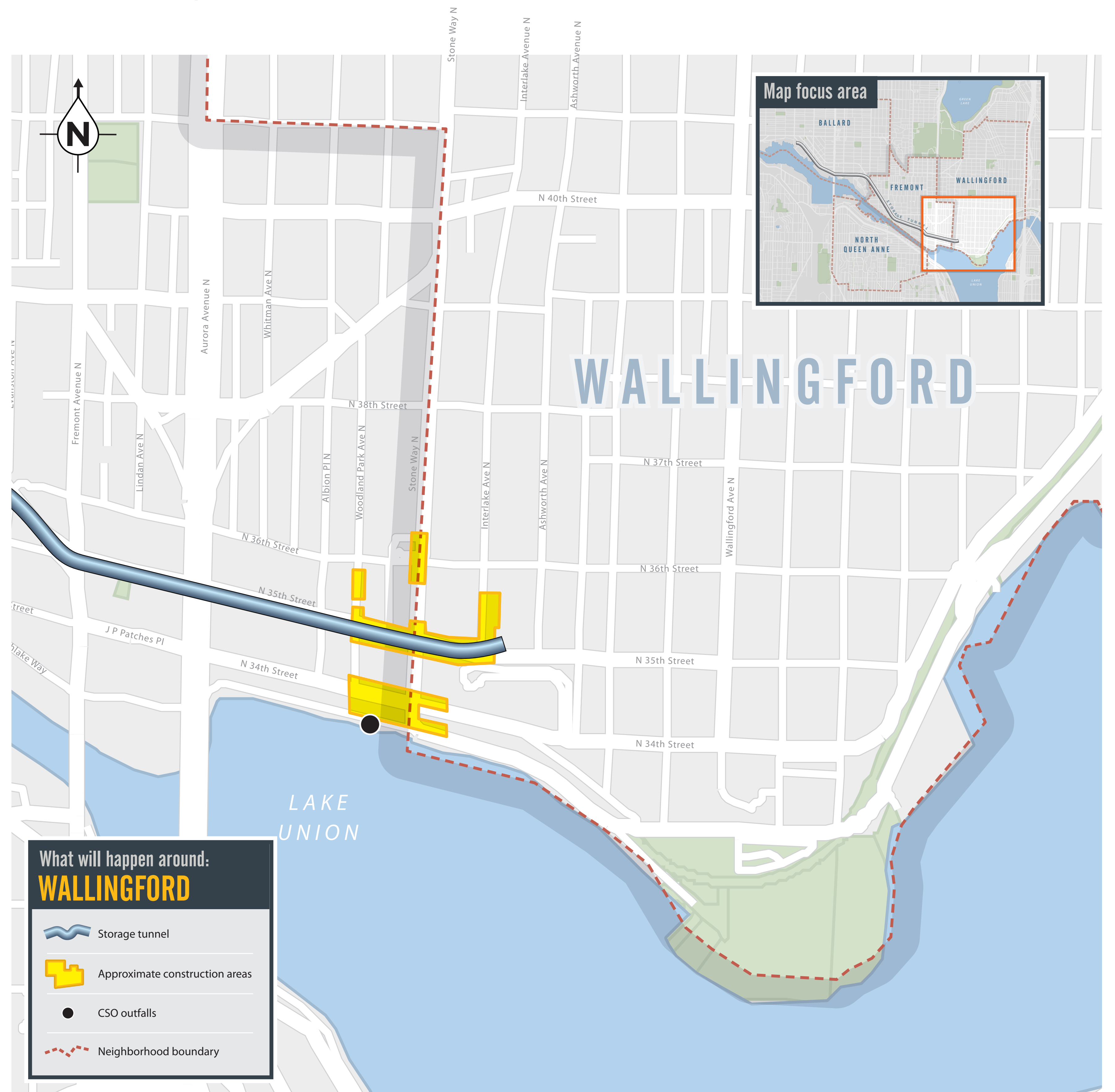
## What's happening in Wallingford?

### The Ship Canal Water Quality Project includes the following elements in Wallingford:

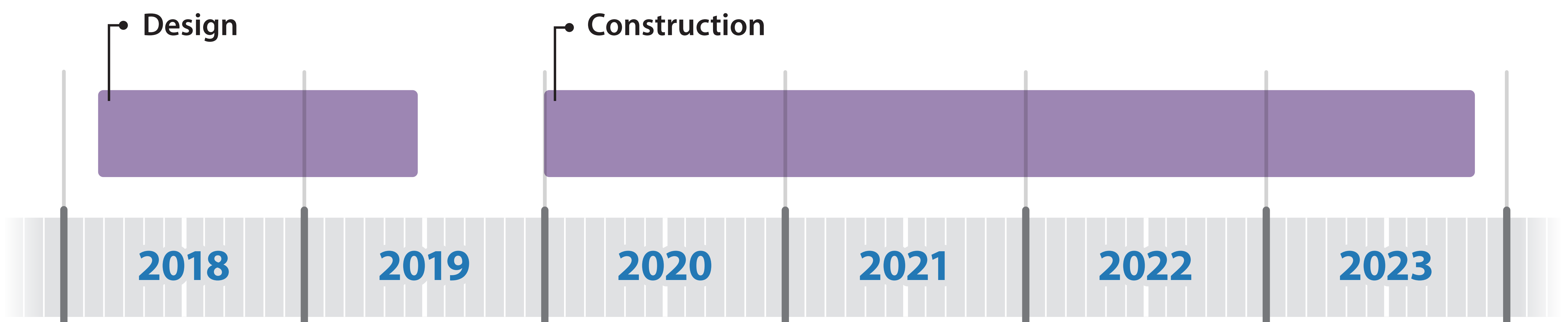
- The eastern end of the tunnel to store polluted stormwater and sewage from the neighborhood. The Tunnel Boring Machine will complete tunneling at this location
- A drop shaft to collect flows entering the tunnel near 3500 Interlake Avenue N
- New pipes to convey polluted stormwater and sewage to the storage tunnel
- Odor control to minimize odor

### What to expect during construction?

- Closure of parking lot and site at 3500 Interlake Avenue N
- Project neighbors and stakeholders will receive notice of work happening in the area
- Increased truck traffic and noise
- Construction equipment and vehicles



## Projected Wallingford timeline





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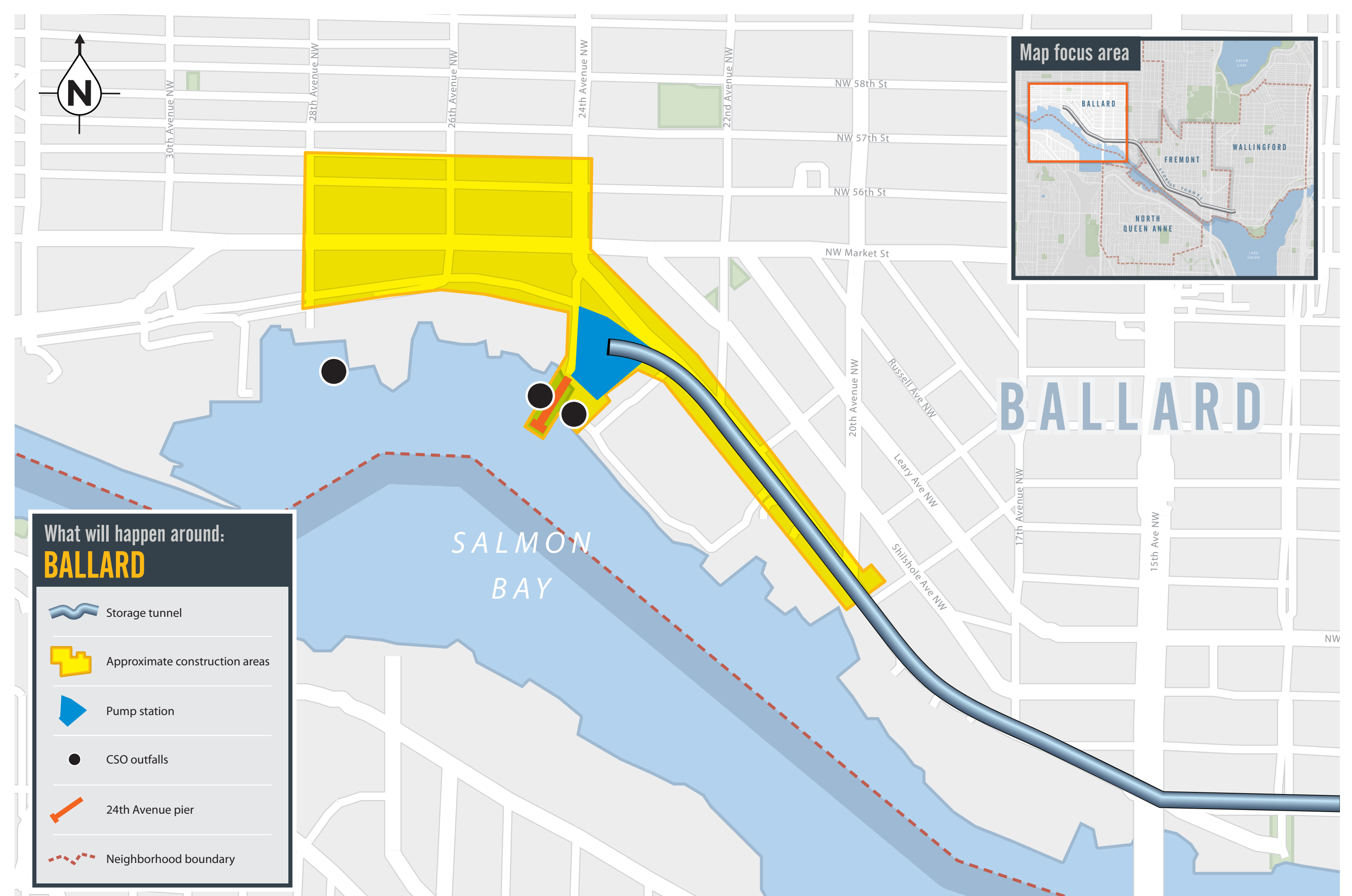
## What's happening in Ballard?

### The Ship Canal Water Quality Project includes the following elements in Ballard:

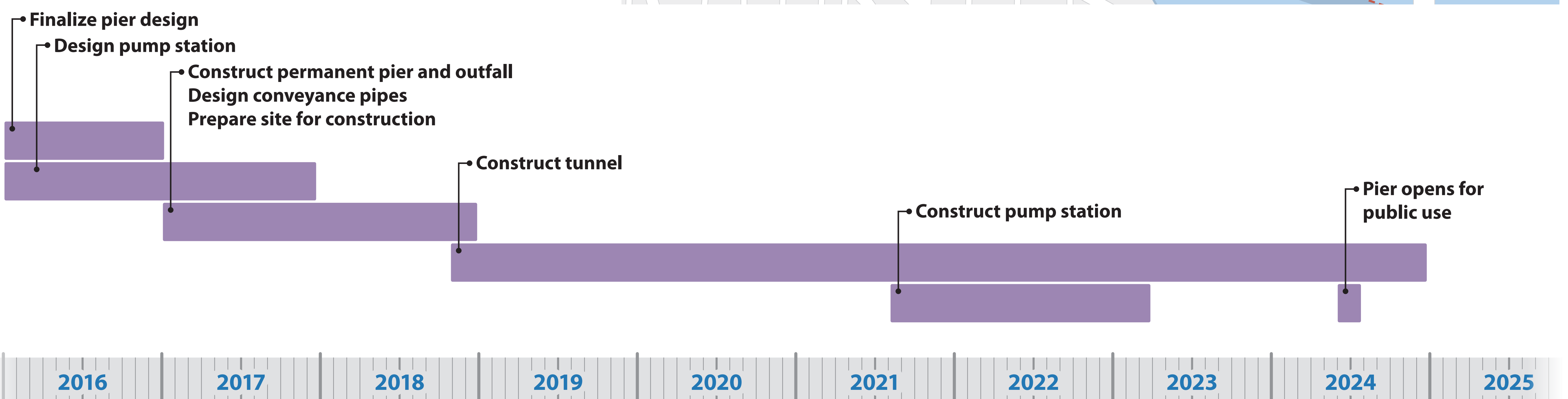
- The western end of the tunnel to store polluted stormwater and sewage from the neighborhood. The Tunnel Boring Machine will begin tunneling at this location.
- A new 24th Avenue NW pedestrian pier to replace the aging pier
- The Ship Canal Water Quality Pump Station to pump polluted stormwater and sewage from the tunnel to new pipes
- New pipes along Shilshole and 24th avenues NW to carry stored flows from the tunnel to King County's West Point Wastewater Treatment Plant
- Replacing existing combined sewer outfall pipes with a new outfall pipe at the street end of 24th Avenue NW
- New pipes along to connect the tunnel to existing pipes
- Contaminated soil removal
- Relocating utilities in advance of construction

### What to expect during construction?

- Temporary pier to remove materials by barge
- 24th Avenue NW Pedestrian Pier closure through 2024
- Increased truck and/or rail traffic in the area and marine traffic in the Ship Canal and Salmon Bay
- Lane closures during construction of conveyance pipes
- Construction vehicles and equipment in the area
- Possible parking and access restrictions along 24th Avenue NW
- Construction related noise especially during pile driving
- Project neighbors and stakeholders will receive notice of work happening in the area



## Projected Ballard timeline





# Ship Canal Water Quality Project

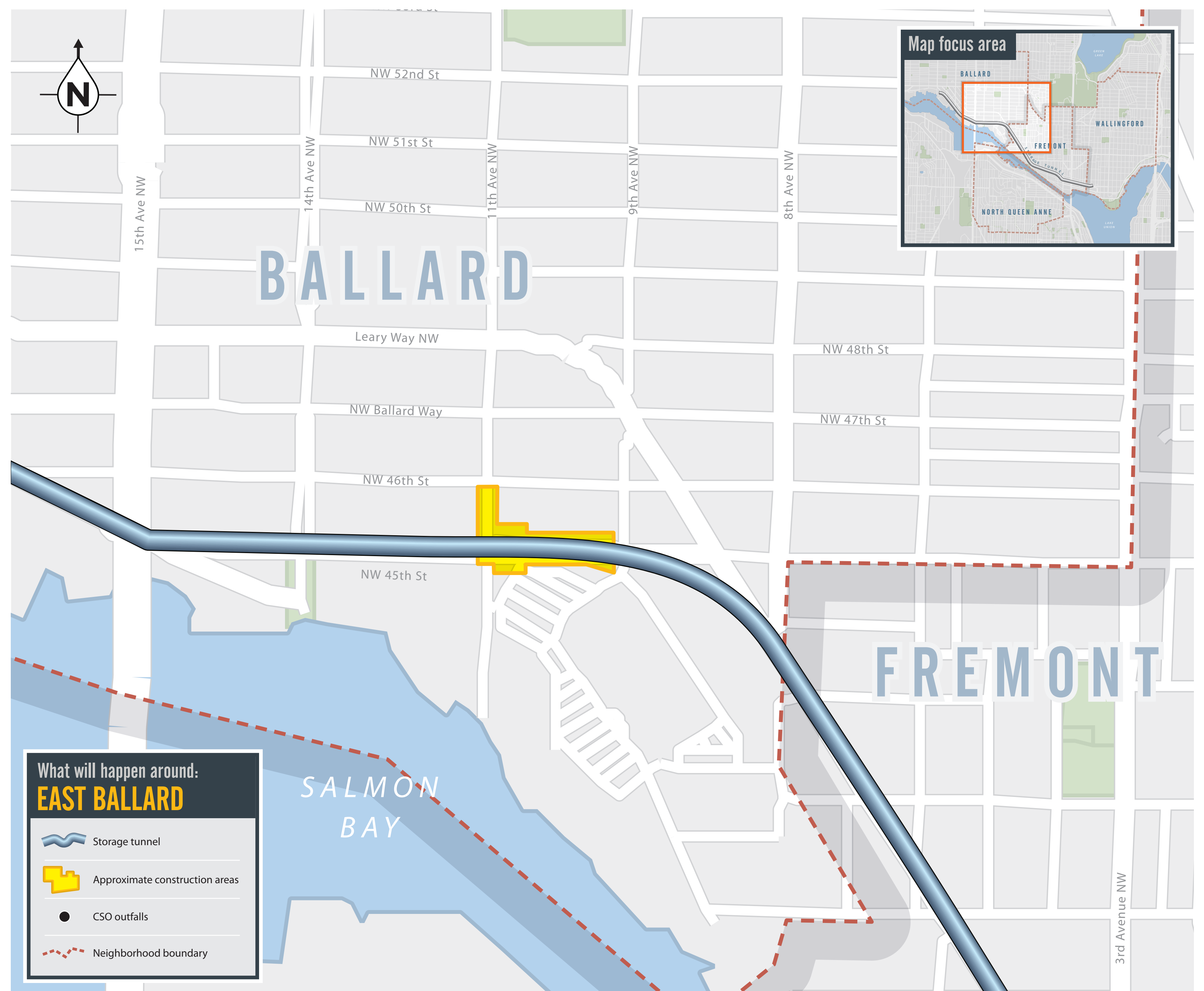
## What's happening in East Ballard?

### The Ship Canal Water Quality Project includes the following elements in East Ballard:

- New pipes to convey polluted stormwater and sewage from the combined sewer system to the tunnel at 11th Avenue NW and NW 45th Street
- Drop shaft to collect flows entering the tunnel near 11th Avenue NW and NW 45th Street

### What to expect during construction?

- Lane closures on 11th Avenue NW and NW 45th Street
- Possible Burke Gilman trail detours
- Increased truck traffic and noise
- Project neighbors and stakeholders will receive notice of work happening in the area



## Projected East Ballard timeline

